



Receipt

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Attorney Docket No.: 035767.000003-CIP

In re Application of:

J. S. HOGAN

Serial No.: 10/601,930

Filed: 23 JUNE 2003

For: **METHOD AND APPARATUS
FOR CLEANING A GAS**

§
§
§
§
§
§
§
§
§
§

Examiner: UNKNOWN

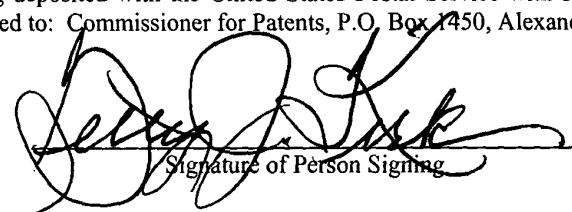
Art Unit: UNKNOWN

REQUEST FOR CORRECTED FILING RECEIPT

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Sir:

Applicants hereby request that a Corrected Filing Receipt be issued for the above-identified patent application. Please amend the Filing Receipt as follows:

CERTIFICATE OF MAILING 37 CFR 1.8(A)	
I hereby certify that this correspondence is being deposited with the United States Postal Service with sufficient postage as First Class Mail in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450, on August 22, 2003.	
Betty J. Kirk Type Name of Person Signing	 Signature of Person Signing

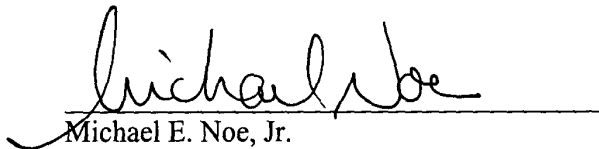
035767.000003-CIP

It is hereby requested that the "Domestic Priority data as claimed by applicant" on the Filing Receipt be corrected. The Filing Receipt incorrectly shows "This application is a CIP of 10/229,813 08/28/2002" and it should read, --**This application is a CIP of 10/229,813 08/06/2002--** .

A photocopy of the Filing Receipt with the requested change noted thereon is enclosed for reference along with a copy of the first page of the Patent Application which clearly states the above information in the first paragraph under Related Applications.

No fee is believed to be required at this time; however, in the event any fees are required, please charge **Bracewell & Patterson, L.L.P.'s Deposit Account No. 50-0259**.

Respectfully submitted,

A handwritten signature in cursive script, reading "Michael E. Noe, Jr.", is written over a horizontal line.

Michael E. Noe, Jr.
Registration No.: 44,975
BRACEWELL & PATTERSON, L.L.P.
P.O. Box 969
Austin, Texas 78767-0969
512-472-7800

ATTORNEY FOR APPLICANT(S)



REC'D B & P AUG 21 2003

UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE
United States Patent and Trademark Office
Address: COMMISSIONER OF PATENTS AND TRADEMARKS
P.O. Box 1450
Alexandria, Virginia 22313-1450
www.uspto.gov

APPL NO.	FILING OR 371 (c) DATE	GRP ART UNIT	FIL FEE REC'D	ATTY. DOCKET NO	DRAWINGS	TOT CLMS	IND CLMS
10/601,930	06/23/2003 ✓	1724	900 ✓	035767.000003-CIP ✓	17 ✓	55 ✓	8 ✓

CONFIRMATION NO. 8052

28722
BRACEWELL & PATTERSON, L.L.P.
P.O. BOX 969
AUSTIN, TX 78767-0969

FILING RECEIPT



OC000000010716894

Date Mailed: 08/18/2003

Receipt is acknowledged of this regular Patent Application. It will be considered in its order and you will be notified as to the results of the examination. Be sure to provide the U.S. APPLICATION NUMBER, FILING DATE, NAME OF APPLICANT, and TITLE OF INVENTION when inquiring about this application. Fees transmitted by check or draft are subject to collection. Please verify the accuracy of the data presented on this receipt. If an error is noted on this Filing Receipt, please write to the Office of Initial Patent Examination's Filing Receipt Corrections, facsimile number 703-746-9195. Please provide a copy of this Filing Receipt with the changes noted thereon. If you received a "Notice to File Missing Parts" for this application, please submit any corrections to this Filing Receipt with your reply to the Notice. When the USPTO processes the reply to the Notice, the USPTO will generate another Filing Receipt incorporating the requested corrections (if appropriate).

Applicant(s)

J.S. Hogan, Sugar Land, TX; ✓

Domestic Priority data as claimed by applicant

08/06/2002
This application is a CIP of 10/229,813 06/26/2002
which is a CON of 09/900,828 07/06/2001 PAT 6,391,100
(*)Data provided by applicant is not consistent with PTO records.

Foreign Applications

Projected Publication Date: To Be Determined - pending completion of Security Review

Non-Publication Request: No

Early Publication Request: No

** SMALL ENTITY **

Title

Method and apparatus for cleaning a gas ✓

Preliminary Class

096

**LICENSE FOR FOREIGN FILING UNDER
Title 35, United States Code, Section 184
Title 37, Code of Federal Regulations, 5.11 & 5.15**

GRANTED

The applicant has been granted a license under 35 U.S.C. 184, if the phrase "IF REQUIRED, FOREIGN FILING LICENSE GRANTED" followed by a date appears on this form. Such licenses are issued in all applications where the conditions for issuance of a license have been met, regardless of whether or not a license may be required as set forth in 37 CFR 5.15. The scope and limitations of this license are set forth in 37 CFR 5.15(a) unless an earlier license has been issued under 37 CFR 5.15(b). The license is subject to revocation upon written notification. The date indicated is the effective date of the license, unless an earlier license of similar scope has been granted under 37 CFR 5.13 or 5.14.

This license is to be retained by the licensee and may be used at any time on or after the effective date thereof unless it is revoked. This license is automatically transferred to any related applications(s) filed under 37 CFR 1.53(d). This license is not retroactive.

The grant of a license does not in any way lessen the responsibility of a licensee for the security of the subject matter as imposed by any Government contract or the provisions of existing laws relating to espionage and the national security or the export of technical data. Licensees should apprise themselves of current regulations especially with respect to certain countries, of other agencies, particularly the Office of Defense Trade Controls, Department of State (with respect to Arms, Munitions and Implements of War (22 CFR 121-128)); the Office of Export Administration, Department of Commerce (15 CFR 370.10 (j)); the Office of Foreign Assets Control, Department of Treasury (31 CFR Parts 500+) and the Department of Energy.

NOT GRANTED

No license under 35 U.S.C. 184 has been granted at this time, if the phrase "IF REQUIRED, FOREIGN FILING LICENSE GRANTED" DOES NOT appear on this form. Applicant may still petition for a license under 37 CFR 5.12, if a license is desired before the expiration of 6 months from the filing date of the application. If 6 months has lapsed from the filing date of this application and the licensee has not received any indication of a secrecy order under 35 U.S.C. 181, the licensee may foreign file the application pursuant to 37 CFR 5.15(b).

METHOD AND APPARATUS FOR CLEANING A GAS

RELATED APPLICATIONS

[001] This application is a ~~continuation-in-part of~~ and claims benefit of priority of U.S. Patent Applications Serial No. 10/229,813, filed 6 August 2002, entitled *Method and Apparatus for Cleaning Gas* that is a continuation of Serial No. 09/900,828, filed 6 July 2001, entitled *Method and Apparatus for Cleaning Gas* issued 1 May 2002 as U.S. Patent 6,391,100 B1, both incorporated by reference herein.

TECHNICAL FIELD

[002] The present invention relates generally to the field of cleaning a gas and more particularly to a method and apparatus for removing particulate and absorbing selected gases from a gas stream by mixing a gas with a liquid to wet the particulates and absorb the selected gases to discharge a cleaned gas in an economical manner.

BACKGROUND INFORMATION

[003] It is very often desirable to clean a gas stream of particulates and/or undesirable gases. It is sometimes desirable to remove particulates or selective gases for capture or disposal from a gas stream by absorption or mixing with a liquid. It is also becoming more desirable and popular to clean air in domestic settings, particularly the removal of spores, bacteria, and viruses due to the current biological threats by terrorists. Other domestic pollutants include, but are not limited to, allergens such as pollen, mites, pet dandruff, hair and dead skin and dust, and gases such as carbon dioxide, carbon monoxide, and other auto emissions.

[004] Several methods are currently used to clean or partially clean gases such as air in a domestic setting. Some of the most common methods of "cleaning air" are the utilization of filter systems, electrostatic devices, and venturi scrubbers. Filter systems require frequent